Index of Claims

| App | olication | /Control | No. |
|-----|-----------|----------|-----|

10/695,631 Examiner

Applicant(s)/Patent under Reexamination

CORCORAN ET AL.

Art Unit

Carolyn T. Blake

3724

| √ | Rejected |
|---|----------|
| 1 | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Ν | Non-Elected  |
|---|--------------|
|   | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | Date                                   |                                       |              |              |          |                                       |  |  |  |          |  |  |  |  |
|----------|--|---------------------------------------|--------------|--------------|----------|---------------------------------------|--|--|--|----------|--|--|--|--|
|          |  |                                       |              |              |          | , , , , , , , , , , , , , , , , , , , |  |  |  | $\dashv$ |  |  |  |  |
| Final    | Original                               | 3/16/06                               |              |              |          |                                       |  |  |  |          |  |  |  |  |
|          | 1                                      | 7 7 7 7 7                             |              |              |          |                                       |  |  |  |          |  |  |  |  |
|          | 1<br>2<br>3<br>4<br>5                  | 1                                     |              |              |          |                                       |  |  |  |          |  |  |  |  |
|          | 3                                      | 1                                     |              |              |          |                                       |  |  |  |          |  |  |  |  |
|          | 4                                      | V                                     |              |              |          |                                       |  | _  |  |          |  |  |  |  |
|          | 5                                      | Ì                                     | _            |              |          |                                       |  |  | _  | $\neg$   |  |  |  |  |
|          | 6                                      | 1                                     | _            | -            |          |                                       |  | -  | _  | $\dashv$ |  |  |  |  |
|          | 7                                      | <u> </u>                              | _            |              | _        | -                                     | -  |  | -  | -        |  |  |  |  |
|          |  |                                       |              |              | _        |                                       | -  | _  | -  | $\vdash$ |  |  |  |  |
|          | 8                                      |                                       | _            | H            |          | H                                     |  |  |  |          |  |  |  |  |
|          | 9                                      |                                       | _            | _            |          | _                                     |  |  |  | _        |  |  |  |  |
|          | 10                                     |                                       | _            | _            | _        | <u> </u>                              |  |  | _  | -        |  |  |  |  |
|          | 11                                     | <br>√                                 | _            | _            |          |                                       |  | $\Box$   |  |          |  |  |  |  |
|          | 12                                     | 1                                     | _            |              |          |                                       |  | _  |  | _        |  |  |  |  |
|          | 12<br>13<br>14<br>15<br>16<br>17<br>18 | √                                     | _            |              |          |                                       |  |  | Ш  |          |  |  |  |  |
|          | 14                                     |                                       |              |              |          |                                       |  |  |  |          |  |  |  |  |
|          | 15                                     |                                       |              |              |          |                                       |  |  |  |          |  |  |  |  |
|          | 16                                     |                                       |              |              |          |                                       |  |  |  |          |  |  |  |  |
|          | 17                                     |                                       |              |              |          |                                       |  |  |  |          |  |  |  |  |
|          | 18                                     |                                       |              |              |          |                                       |  |  |  |          |  |  |  |  |
|          | 19                                     |                                       |              | _            |          |                                       |  |  |  |          |  |  |  |  |
|          | 20                                     |                                       | _            | _            | -        |                                       |  |  |  |          |  |  |  |  |
|          | 21                                     | V                                     | <u> </u>     |              | _        | $\vdash$                              |  |  |  |          |  |  |  |  |
|          | 21<br>22                               | <br>\[  \] \[  \]                     | _            |              |          | $\vdash$                              | $\vdash$   | _  | _  | Н        |  |  |  |  |
|          | 22                                     | 1                                     | _            | _            |          | -                                     | ┢  | _  |  | Н        |  |  |  |  |
|          | 23<br>24                               | 1                                     | _            |              |          | -                                     |  | _  | -  | $\dashv$ |  |  |  |  |
|          | 25                                     |                                       |              | -            |          | $\vdash$                              | _  | _  | _  | Н        |  |  |  |  |
|          | 25                                     | <del></del>                           |              |              |          | $\vdash$                              | _  | _  | -  | Н        |  |  |  |  |
|          | 26<br>27                               | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |              |              |          | <u> </u>                              | <u> </u>   |  | _  | Н        |  |  |  |  |
|          | 27                                     | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | _            | _            |          |                                       |  | <u> </u>   | _  |          |  |  |  |  |
|          | 28                                     | ۱ <del>۷</del>                        | _            | _            |          | _                                     | _  |  | _  |          |  |  |  |  |
|          | 29                                     | V                                     |              |              |          |                                       | L  |  |  |          |  |  |  |  |
|          | 30                                     | 1                                     |              |              |          | L_                                    | L  |  |  |          |  |  |  |  |
|          | 31                                     | 1                                     |              |              | L        |                                       |  |  |  | Ш        |  |  |  |  |
|          | 32                                     | 1                                     |              |              |          |                                       |  |  |  |          |  |  |  |  |
|          | 32<br>33                               | 1                                     |              |              |          |                                       |  |  |  |          |  |  |  |  |
|          | 34                                     |                                       |              |              |          |                                       |  |  |  |          |  |  |  |  |
|          | 35                                     |                                       |              |              | _        |                                       |  |  |  |          |  |  |  |  |
| l''''    | 36                                     |                                       |              | $\vdash$     | _        | $\Box$                                |  |  |  | П        |  |  |  |  |
|          | 37                                     |                                       |              |              | $\vdash$ | _                                     | $\vdash$   | <u> </u>   |  | П        |  |  |  |  |
| <b></b>  | 38                                     |                                       |              | $\vdash$     |          | $t^-$                                 |  |  |  | $\vdash$ |  |  |  |  |
|          | 39                                     | $\vdash$                              |              | Ι-           | $\vdash$ |                                       | T  | <u> </u>   | <del>                                     </del> | М        |  |  |  |  |
|          | 40                                     | -                                     | <del> </del> | $\vdash$     | $\vdash$ | $\vdash$                              | 一  | <del>                                     </del> | t-   | Н        |  |  |  |  |
|          | 41                                     | -                                     | $\vdash$     | $\vdash$     | $\vdash$ | -                                     | <del>                                     </del> | <del>                                     </del> |  | Н        |  |  |  |  |
| <u> </u> | 41                                     | $\vdash$                              | $\vdash$     | ├-           | $\vdash$ | $\vdash$                              | $\vdash$   | $\vdash$   | <u> </u>   | $\vdash$ |  |  |  |  |
| -        |  | ⊢                                     | -            | <del> </del> | $\vdash$ | $\vdash$                              | $\vdash$   | $\vdash$   | -  | -        |  |  |  |  |
| <u> </u> | 43                                     |                                       |              | $\vdash$     | $\vdash$ | $\vdash$                              | $\vdash$   |  | -  | Н        |  |  |  |  |
| <u> </u> | 44                                     | <del> </del>                          | <del> </del> | 1            | _        | <u> </u>                              |  | ├-   | <u> </u>   | $\vdash$ |  |  |  |  |
| <u> </u> | 45                                     | <u> </u>                              | <u> </u>     | _            | _        | <u> </u>                              | <b>!</b>   | <u> </u>   | <u> </u>   |          |  |  |  |  |
| <u> </u> | 46                                     | L.                                    | <u> </u>     | _            | <u> </u> |                                       | Щ  | <u> </u>   | <u> </u>   | Ш        |  |  |  |  |
| <u> </u> | 47                                     |                                       |              | $oxed{oxed}$ | L_       | <b> </b>                              | L.   |  |  | Щ        |  |  |  |  |
|          | 48                                     |                                       | L            | L            | L        | L                                     | L  | $oxed{oxed}$                                     |  |          |  |  |  |  |
|          | 49                                     |                                       |              |              |          |                                       | Ľ  |  |  |          |  |  |  |  |
|          | 50                                     | Π                                     | Г            |              |          |                                       |  |  |  | [        |  |  |  |  |

| Cla          | Claim    |   | Date     |          |          |        |   |  |   |          |  |  |  |  |  |  |
|--------------|----------|---|----------|----------|----------|--------|---|--|---|----------|--|--|--|--|--|--|
|              |          |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
| <del> </del> | Original |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
| Final        | igi      |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
| "            | ō        |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
| <u> </u>     |          |   |          | $\vdash$ | Н        | -      | _ |  |   |          |  |  |  |  |  |  |
| <u> </u>     | 51       |   |          |          | Ш        |        |   |  |   |          |  |  |  |  |  |  |
| <u> </u>     | 52       |   |          |          |          |        |   |  | _ |          |  |  |  |  |  |  |
|              | 53       |   |          | Ш        | Щ        |        |   |  |   |          |  |  |  |  |  |  |
|              | 54       |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 55       |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 56       |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 57       |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 58       |   |          |          |          |        |   |  |   | ,        |  |  |  |  |  |  |
|              | 59       |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 60       |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 61       |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 62       |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 63       |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 64       |   |          |          | $\vdash$ |        |   |  |   |          |  |  |  |  |  |  |
|              | 65       |   |          |          |          |        |   |  |   | $\vdash$ |  |  |  |  |  |  |
|              | 66       |   |          |          |          | $\Box$ |   |  |   |          |  |  |  |  |  |  |
|              | 66<br>67 | П |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 68       |   |          | Н        | _        |        |   |  |   |          |  |  |  |  |  |  |
|              | 69       |   |          | H        | _        |        | _ |  |   |          |  |  |  |  |  |  |
|              | 70       |   |          | _        |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 71       | _ | _        |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 72       | П |          |          |          |        |   |  | _ |          |  |  |  |  |  |  |
|              | 72<br>73 |   | $\vdash$ |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 74<br>75 | Г |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 75       | П |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 76       |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 77       |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 78       |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 79       |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 80       |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 81       |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 82       |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 82<br>83 |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 84       |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 85       |   | l        |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 86       |   |          | Г        |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 87       |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 88       | Г |          | Г        |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 89       |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 90       |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 91       |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 92       |   |          | $\Box$   |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 93       |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 94       |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 95       | 匚 | 匚        | L        |          | oxdot  | L |  |   |          |  |  |  |  |  |  |
|              | 96       |   | Ĺ        | Ĺ        | 匚        |        |   |  |   |          |  |  |  |  |  |  |
|              | 97       |   |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 98       | L | L        |          |          |        |   |  | L |          |  |  |  |  |  |  |
|              | 99       | L |          |          |          |        |   |  |   |          |  |  |  |  |  |  |
|              | 1400     |   |          | 1        |          |        | 1 |  |   | 1        |  |  |  |  |  |  |

|          | im       |         |          |           | [            | Date   | е              |          |                 | ı        | Cla      | im       |                     |          |          | D                 | ate      |          |          |          |          |          | Cla      | im       |               |         |              | Date     | 9               |          |           |        |
|----------|----------|---------|----------|-----------|--------------|--|----------------|----------|-----------------|----------|----------|----------|---------------------|----------|----------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|---------------|---------|--------------|----------|-----------------|----------|-----------|--------|
|          |          |         |          |           |              |  |                |          |                 |          |          |          |                     | $\top$   | Т        | Т                 | T        | T        |          | T        | ٦        | Γ        |          |          |               |         |              |          |                 | T        | T         |        |
|          | Original | 3/16/06 |          |           |              |  |                |          |                 | -        | <u>च</u> | Original |                     |          |          |                   | - 1      | 1        |          |          |          |          | Final    | Original |               |         | ļ            | '        |                 | İ        |           |        |
| =        | rig .    | 16      |          |           |              |  |                |          |                 | -        | Final    | rig      |                     |          |          |                   |          |          |          |          |          |          | 造        | :윤       |               |         |              |          |                 | - [      |           |        |
|          | 0        | ~       |          |           |              |  |                |          |                 |          |          | 0        |                     |          |          |                   |          |          |          |          |          |          |          | ١        |               |         |              |          |                 |          |           |        |
| $\dashv$ | 1        | V       |          | $\Box$    |              | М  | $\vdash$       | $\Box$   | $\vdash$        | $\neg$   |          | 51       |                     | $\dashv$ | 十        | 十                 | 十        | $\neg$   | $\dashv$ | $\top$   | $\neg$   |          |          | 101      | _             | +       | 1            | П        | $\Box$          | _        | 寸         |        |
| $\dashv$ | 2        | 1       |          | Н         | _            | М  | Н              | т        | $\vdash$        | $\dashv$ | Н        | 52       |                     | $\dashv$ | $\dashv$ | $\dashv$          | +        | 十        | _        | 7        | $\neg$   |          | T        | 102      | $\neg   \neg$ | 1       | †            | П        | Ħ               | 寸        | 寸         | $\neg$ |
| +        | 3        | 1       | -        | H         |              | -  | H              | Н        | $\vdash$        | $\dashv$ | H        | 53       | $\dashv$            | $\dashv$ | $\dashv$ | $\dashv$          | $\dashv$ | $\dashv$ | -        | +        | $\dashv$ | F        |          | 103      |               | +       | 1            | П        | $\Box$          | -        | _         | $\neg$ |
| -        | 4        | V       | $\dashv$ | $\vdash$  |              | Н  | $\vdash$       | $\vdash$ | $\vdash$        | $\dashv$ | $\vdash$ | 54       | $\dashv$            | 十        | $\dashv$ | $\dashv$          | 十        | $\dashv$ | +        | +        | ┥        | $\vdash$ |          | 104      | _             | $\top$  | $\dagger$    | П        | H               | 十        | -         | ၂      |
| +        | 5        | ╗       | -        | $\vdash$  |              | Н  | $\vdash$       | $\vdash$ | $\vdash$        | $\dashv$ |          | 55       | +                   | 十        | $\dashv$ | $\dashv$          | $\dashv$ | $\dashv$ | +        | +        | $\dashv$ |          |          | 105      | _             | $\top$  | T            | $\vdash$ | $\vdash$        | +        | 一         | -      |
| $\dashv$ | 6        | V       |          | Н         | -            | H  | Н              | Н        | -               | $\dashv$ |          | 56       | $\dashv$            | $\dashv$ | 十        | $\dashv$          | $\dashv$ | $\dashv$ | +        | +        | $\dashv$ | H        |          | 106      |               | +       | $\top$       | $\vdash$ | $\vdash$        | $\dashv$ | +         | -      |
| -        | 7        |         | $\dashv$ |           | -            |  | Н              | Н        | $\vdash \vdash$ | $\dashv$ | $\vdash$ | 57       | $\vdash$            | $\dashv$ | +        | +                 | -+       | +        | +        | +        | $\dashv$ | -        |          | 107      | -             | +       | †-           | 1-       | $\vdash \vdash$ | $\dashv$ | $\dashv$  |        |
| $\dashv$ | 8        |         | -        | H         | H            |  | $\vdash$       | Н        | $\vdash$        | $\dashv$ | $\vdash$ | 58       | -                   | $\dashv$ | $\dashv$ | $\dashv$          | $\dashv$ | -+       | +        | ┪,       | $\dashv$ | ┟        |          | 108      | $\dashv$      | +       | ┰            | $\vdash$ |                 | $\dashv$ | 7         | -      |
| -+       | 9        |         |          | $\vdash$  | $\vdash$     | H  | -              | -        |                 | $\dashv$ | $\vdash$ | 59       | $\dashv$            | -+       | +        | +                 | $\dashv$ | -        |          | +        | $\dashv$ | $\vdash$ | $\dashv$ | 109      | +             | +       | +-           | +        |                 | +        |           |        |
| $\dashv$ | 10       |         | $\dashv$ | Н         | $\vdash$     | $\vdash$   | Н              | $\vdash$ | $\vdash$        | $\dashv$ | $\vdash$ | 60       |                     |          | $\dashv$ | +                 | $\dashv$ | +        | -+       | +        | $\dashv$ | ⊢        | -        | 110      | -             | +       | +            | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$  |        |
| $\dashv$ |          |         |          |           | -            |  | $\vdash$       | $\vdash$ |                 | $\dashv$ | H        | 61       | -+                  | -        |          | +                 | +        | +        | +        | -        | $\dashv$ | $\vdash$ |          | 111      | +             | +       | +            | $\vdash$ | $\vdash$        | $\dashv$ |           | -      |
| $\dashv$ | 11       |         | $\dashv$ | $\vdash$  | <u> </u>     | $\vdash$   | $\vdash\vdash$ | $\vdash$ |                 | $\dashv$ | H        | 62       | -                   |          | -+       | $\dashv$          | +        | +        | +        |          | $\dashv$ | $\vdash$ |          | 112      | -+            | +       | +            | $\vdash$ | $\vdash$        | +        | -         | -      |
| $\dashv$ | 12       | 1       | -        |           | H            | $\vdash$   | $\vdash$       | $\vdash$ | -               | $\dashv$ | $\vdash$ | 02       | -                   |          | +        | +                 | +        | +        |          |          |          | $\vdash$ |          | 113      | -+            |         | +            | $\vdash$ | $\vdash \vdash$ | $\dashv$ |           | -      |
| $\dashv$ | 13       | 1       | $\dashv$ | <b>  </b> | <u> </u>     | $\vdash$   | Н              | Ш        | -               | $\dashv$ | $\vdash$ | 63       | -                   | -+       | -+       | +                 | +        | +        | +        | +        | $\dashv$ | $\vdash$ |          |          |               | +       | +            | $\vdash$ | $\vdash \vdash$ | -        |           |        |
| _        | 14       |         | _        |           | <u> </u>     | _  | Щ              | Щ        | $\vdash \vdash$ |          |          | 64       | $\dashv$            | 4        | -+       | -+                | -        | +        | +        |          | -        | $\vdash$ | $\dashv$ | 114      |               | +       | +            | $\vdash$ | $\vdash$        | -        | _         |        |
| _        | 15       |         | _        | _         | <u> </u>     | $\vdash$   | Ш              | H        | $\vdash \vdash$ |          |          | 65       |                     | -+       | $\dashv$ | +                 | $\dashv$ | +        | +        | +        | -        | -        |          | 115      |               | +-      | ╄            | $\vdash$ | $\vdash$        |          |           |        |
| _        | 16       |         |          | <u> </u>  |              |  | Ш              |          | $\sqcup$        | _        |          | 66       | $\vdash$            | _        | _        |                   |          | $\dashv$ | $\perp$  | $\perp$  | 4        | -        |          | 116      | _             | -       | +            | +        | $\vdash \vdash$ |          |           |        |
|          | 17       |         |          | Щ         | L_           | _  | Ш              |          | oxdot           | 4        |          | 67       | $\sqcup$            | 4        | _        | $\dashv$          | -        | $\dashv$ | _        | $\perp$  | _        | ļ.,      |          | 117      | +             | - -     | ┼            | $\vdash$ | $\sqcup$        | 4        |           |        |
|          | 18       |         |          | L.,       |              |  | Ш              | Ш        | oxdot           |          |          | 68       | $\sqcup$            | $\perp$  | _        | _                 | _        | $\perp$  | $\perp$  | _        | _        | L        |          | 118      | $\perp$       | - -     | ↓            | $\perp$  | Ш               | $\perp$  | _         |        |
|          | 19       |         |          |           |              |  |                |          | ot              |          | ļ        | 69       |                     |          |          |                   | $\dashv$ | $\perp$  | $\perp$  |          | $\Box$   | L        |          | 119      |               |         | $\perp$      |          |                 | _        | _         |        |
|          | 20       |         |          |           |              |  | Ш              |          |                 |          |          | 70       |                     | _        | $\perp$  | _                 | $\perp$  | $\perp$  |          |          | $\Box$   | L        |          | 120      |               | $\perp$ | $\perp$      |          | Ш               |          |           |        |
|          | 21       | √_      |          |           |              |  |                |          |                 | ╝        |          | 71       |                     | [        | $\perp$  |                   | $\perp$  | _        | _ _      | _ _      | ╛        | L        |          | 121      |               |         | _            |          | Ш               | $\sqcup$ |           |        |
|          | 22       | 1       |          |           |              |  |                |          |                 | ╝        |          | 72       |                     |          |          |                   |          | $\Box$   |          |          | ┙        | L        |          | 122      |               |         | $\perp$      | $\perp$  |                 |          | _         |        |
|          | 23       | 1       |          |           |              |  |                |          |                 |          |          | 73       |                     |          | $\Box$   | $oldsymbol{\bot}$ | $\Box$   | $\Box$   | $\prod$  |          | ╝        | L        | ]        | 123      |               |         |              |          | Ш               |          |           |        |
| $\neg$   | 24       | 1       |          |           |              |  |                |          |                 |          |          | 74       |                     | T        | T        | _T                | T        | _T       | _[       | $\prod$  | _]       |          |          | 124      | $\Box$        |         |              |          |                 |          |           |        |
|          | 25       |         |          |           |              |  |                |          |                 | 7        |          | 75       |                     |          | $\neg$   | $\neg$            | T        |          |          |          |          | Γ        |          | 125      |               |         |              |          |                 |          |           |        |
|          | 26       | 1       |          |           |              |  | П              |          |                 |          |          | 76       |                     | $\neg$   | $\neg$   | $\neg$            | $\neg$   | $\neg$   |          |          | $\neg$   |          |          | 126      |               |         |              |          |                 |          |           |        |
| $\dashv$ | 27       | 1       |          |           |              |  |                |          |                 | $\neg$   |          | 77       | $\Box$              |          |          |                   | $\neg$   | $\top$   |          | T        | $\neg$   |          |          | 127      |               |         |              | Π        |                 | $\Box$   |           |        |
| $\dashv$ | 28       | 1       |          |           |              |  | П              |          |                 | $\neg$   |          | 78       |                     | $\neg$   | $\dashv$ | $\neg$            | $\dashv$ | $\top$   | _        | $\neg$   | $\neg$   |          |          | 128      |               |         |              | Γ        | П               | $\sqcap$ | $\exists$ |        |
| _        | 29       | 7       | $\neg$   |           |              | П  | П              |          |                 |          |          | 79       |                     | _        | $\neg$   | $\neg$            | $\dashv$ | $\dashv$ | _        | $\top$   | 7        | T        |          | 129      |               | T       | 1            |          |                 |          | $\neg$    |        |
| $\dashv$ | 30       | 1       | -        | _         | -            |  |                |          | $\vdash$        | -        |          | 80       | $\vdash$            | $\dashv$ | 十        | $\dashv$          | $\dashv$ | $\dashv$ | $\top$   | $\dashv$ | ┪        | r        |          | 130      |               | $\top$  | $\top$       | $\top$   | П               | $\neg$   |           | _      |
| +        | 31       | √       |          |           | <del> </del> | <del>                                     </del> | $\vdash$       |          | $\vdash$        | $\dashv$ |          | 81       | $\vdash$            | $\dashv$ | $\dashv$ |                   | $\dashv$ | $\dashv$ | $\top$   | +        | 1        | T        | $\neg$   | 131      |               | $\top$  | $\top$       | T        | П               | $\dashv$ |           |        |
|          | 32       | 1       |          | $\vdash$  | <u> </u>     |  | Н              |          | $\vdash$        | $\dashv$ | <b>—</b> | 82       | $\vdash$            | $\dashv$ | -        | -+                | +        | $\dashv$ | $\dashv$ | 十        | $\dashv$ | <b> </b> |          | 132      |               | +       | $\dagger$    | t        | Н               | -        | $\dashv$  | _      |
| $\dashv$ | 33       | 1       | $\dashv$ | $\vdash$  | -            | -  | $\vdash$       | Н        | $\vdash$        | $\dashv$ |          | 83       | $\vdash$            | $\dashv$ | +        | $\dashv$          | +        | $\dashv$ | $\dashv$ | ╅        | $\dashv$ | F        |          | 133      | $\dashv$      | +       | +            | t        | H               | _        |           |        |
|          | 34       | *       | =        | -         |              | <del>                                     </del> | H              |          | $\vdash$        |          |          | 84       | $\vdash \vdash$     | $\dashv$ | $\dashv$ | -+                | $\dashv$ | $\dashv$ | $\dashv$ | -+       | $\dashv$ | H        |          | 134      |               | +       | +            | $\vdash$ | H               | -        |           |        |
|          | 35       |         | $\dashv$ |           |              | -  | Н              | $\vdash$ | $\vdash$        | $\dashv$ | -        | 85       | 一                   | +        | -+       | $\dashv$          | $\dashv$ | $\dashv$ | +        | ╁        | $\dashv$ | H        |          | 135      |               | +       | +            | +        | H               | $\vdash$ |           |        |
| -        |          |         | $\vdash$ | $\vdash$  | ├            | -  | $\vdash$       | -        | $\vdash$        | $\dashv$ | -        | 86       | $\vdash \vdash$     | $\dashv$ | $\dashv$ | +                 | -+       | +        | +        | +        | $\dashv$ | ⊦        |          | 136      |               | +       | +            | +        | H               | -        | ┰         |        |
|          | 36       |         |          | $\vdash$  | $\vdash$     |  | $\vdash$       | -        | $\vdash \vdash$ | $\dashv$ |          |          | $\vdash$            | $\dashv$ | $\dashv$ | +                 | -+       | +        | +        | +        | $\dashv$ | $\vdash$ |          |          | +             | +       | +            | +        | $\vdash$        | -        |           |        |
|          | 37       |         |          | <u> </u>  |              | -  | $\vdash$       | $\vdash$ | $\vdash \vdash$ |          | <u></u>  | 87       | $\vdash \vdash$     | $\dashv$ | $\dashv$ |                   |          | +        | $\dashv$ | -        | $\dashv$ | $\vdash$ |          | 137      |               | +       | +            | +        | $\vdash$        | $\vdash$ |           |        |
| 4        | 38       | _       | _        | <u> </u>  | $\vdash$     | _  | Н              | <u> </u> | -               | $\dashv$ | <u> </u> | 88       | $\vdash$            | -+       |          | $\dashv$          | $\dashv$ | +        |          | +        | $\dashv$ | $\vdash$ |          | 138      | $\dashv$      | +       | +            | +        | Н               | $\vdash$ | $\dashv$  |        |
| _        | 39       |         |          | $\vdash$  | $\vdash$     | <u> </u>   | <u> </u>       | <u> </u> | $\vdash$        | -        |          | 89       | $\vdash$            | $\dashv$ | $\dashv$ | _                 | $\dashv$ | +        | -        | +        | $\dashv$ | F        |          | 139      | +             |         | +            | +        | Н               | $\dashv$ | $\dashv$  | _      |
|          | 40       |         |          | $\vdash$  | <u> </u>     | <u> </u>   | $\vdash$       |          | $\vdash \vdash$ | $\dashv$ | -        | 90       | $\vdash \vdash$     | $\dashv$ | _        | $\dashv$          | $\dashv$ | $\dashv$ | +        | +        | $\dashv$ | -        |          | 140      | +             |         | +            | +        | Н               |          |           |        |
| _        | 41       | Ш       |          | <u> </u>  | <u> </u>     | L  | Ш              | $\vdash$ | $\vdash \vdash$ | _        |          | 91       | $\vdash \vdash$     | _        |          | $\dashv$          | $\dashv$ | $\dashv$ | +        | +        | $\dashv$ | $\vdash$ |          | 141      |               | +       | +            | ┿        |                 | $\vdash$ |           |        |
|          | 42       | Щ       |          | ļ         | <u> </u>     |  | Щ              | <u> </u> | $\sqcup$        | _        | $\vdash$ | 92       | $\sqcup$            | _        | _        | _                 | 4        | -        | -        | +        | 4        | $\vdash$ |          | 142      | $\dashv$      | +       | +            | ┼        | $\vdash$        | $\sqcup$ | _         |        |
| _        | 43       |         |          |           | <u> </u>     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | $\sqcup$       |          | $\sqcup$        | _        | <u></u>  | 93       | $\sqcup \downarrow$ | _        |          | 4                 |          | _        | $\perp$  | $\perp$  | 4        | L        |          | 143      | $\perp$       | _       | 4            | $\perp$  | Ш               | $\sqcup$ | _         |        |
|          | 44       |         |          |           |              |  | L_             |          | $\sqcup$        | _        | L        | 94       | Ш                   | _        |          |                   | _        |          | $\perp$  |          | _        | L        |          | 144      | $\perp$       |         | 4            | $\perp$  |                 | Ш        | _         |        |
|          | 45       |         |          |           |              | L  |                |          | $\Box$          |          |          | 95       | $\sqcup$            |          |          |                   |          | $\perp$  | $\perp$  | ⊥        | $\perp$  | L        |          | 145      | $\perp$       | _ _     | _            | 1        |                 | Ш        |           |        |
|          | 46       |         |          |           |              | L  |                |          | $\Box$          |          |          | 96       | $\Box$              |          |          |                   |          |          |          | $\Box$   |          | Ĺ        |          | 146      |               |         | $\perp$      | $\perp$  | $\Box$          | Ш        |           |        |
|          | 47       |         |          |           |              |  |                |          |                 |          |          | 97       | $\Box \Box$         | $\Box$   | $\Box$   |                   |          |          | $\Box$   | $\prod$  | _]       |          |          | 147      | [_            |         | L            |          | Ш               | $\Box$   |           |        |
|          | 48       |         |          |           |              |  |                |          | $\Box$          |          |          | 98       |                     |          | _1       |                   |          |          | T        | $\Box T$ | _]       |          |          | 148      | $oxed{J}$     |         | $oxed{\Box}$ |          |                 |          |           |        |
|          | 49       |         |          | Г         | Г            | Г  |                |          | $\Box$          |          |          | 99       |                     |          |          | $\neg$            | $\neg$   |          |          | T        |          | Γ        |          | 149      |               |         |              |          |                 |          |           | _      |
| _        | 50       | $\Box$  | -        |           | <u> </u>     | T  |                |          |                 |          |          | 100      | $\sqcap$            | 寸        | 7        | 一                 | $\dashv$ | $\neg$   |          | 十        | $\neg$   | Ī        |          | 150      |               |         |              |          |                 |          |           |        |